

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q64575

Tsuyoshi INOUE, et al.

Appin. No.: 09/874,314

Group Art Unit: 1771

Confirmation No.: 6107

Examiner: Daniel R. Zirker

Filed: June 6, 2001

For: SHEET FOR PROTECTING PAINT FILM

**DECLARATION UNDER 37 C.F.R. § 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Tsuyoshi INOUE, hereby declare and state:

THAT I am a citizen of Japan;

THAT I have received the degree of Masters in Engineering and Design from Kyoto  
Institute of Technology in March 1991;

THAT I have been employed by NITTO DENKO CORPORATION since April 1991, where I  
hold a position as Research, with responsibility for synthesis of polymer materials and  
development of surface protective materials;

THAT I am an inventor of the present application;

THAT the following experiments were carried out by me or under my direct supervision.

**EXPERIMENT**

A sheet for protecting a paint film was prepared in the same manner as Example 1 of  
the present application, except that a hydrogenated terpene-phenol resin (YS POLYSTER T115)

was used in place of the styrene/hydrogenated terpene copolymer resin (Clearon K100).

The sheet thus obtained was subjected to the same evaluation tests described on page 19 of the present specification. The results obtained are shown below together with the results obtained in Examples 1 and 5 of the present application.

		Example 1 of Present Application	Example 5 of Present Application	Resin disclosed in USP 5,643,676
Substrate		40 µm thick propylene/polyethylene blend film		
Constitution of Pressure- sensitive Adhesive	Kind of resin	Styrene/hydrogenat ed terpene copolymer resin (Clearon K100)	Hydrogenated aliphatic/ aromatic copolymer resin (Arkon M100)	Hydrogenated terpene-phenol resin (YS POLYSTER T115)
	Amount of resin	1 part	1 part	1 part
	PIB	(PIB of Mw 870,000) : (PIB of Mw 80,000)=75:25		
	Thickness	10 µm		
Fouling Evaluation Test	80°C, 24 hours	No fouling	No fouling	Fouling occurred
	600C/95% 24 hours	No fouling	No fouling	Fouling occurred

As is apparent from the above results, the film prepared using the hydrogenated terpene-phenol resin disclosed in USP 5,643,676 cannot prevent occurrence of fouling, and the present invention provides unexpectedly superior results compared to USP 5,643,676.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

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United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: March 15, 2007

Tsuyoshi Inoue  
Tsuyoshi INOUE